

CLAIMS

1. Module for treating fluids with one or more cells stacked one on top of the other, each of these having at least one opening, the opening of the cell or the similar openings of the cells together forming at least one channel for feeding or discharging the fluid to be treated, each cell having two flat, porous components delimiting an inner space and designed for passage of the fluid therethrough, the inner space or spaces being connected to the channel, wherein the inner space of the cell or cells at least partially contains a treatment material for the fluid.
2. Module in accordance with Claim 1, wherein the inner space contains dry treatment material.
3. Module in accordance with Claim 1, wherein the treatment material is powdery, granular, fibrous and/or gel-like.
4. Module in accordance with Claim 1, wherein the flat porous components consist of filter layers.
5. Module in accordance with Claim 1, wherein the flat porous components consist of membranes such as plastic or metal membranes, woven or non-woven fabrics.
6. Module in accordance with Claim 1, wherein the treatment material is applied to the inner side of the porous components.
7. Module in accordance with Claim 1, wherein a material having the treatment material embedded therein or the treatment material adhered thereto is arranged in the inner space of the cells.
8. Module in accordance with Claim 1, wherein the treatment materials have a grain size of from 0.01 mm to 10 mm.
9. Module in accordance with Claim 1, wherein the treatment material comprises at least one filtration-active material.

10. Module in accordance with Claim 1, wherein the treatment material comprises at least one extractor material.
11. Module in accordance with Claim 1, wherein the flat porous components are free from filtration-active substances.
12. Method for manufacturing a module in accordance with Claim 1, with the cells being prefabricated and assembled into a module or the cells being formed with assembly of the module, wherein a treatment material is introduced with a carrier fluid into the cells through the channel provided for feeding the fluid.
13. Method in accordance with Claim 12, wherein the treatment material is introduced into the cells by a pressure gradient.
14. Method in accordance with Claim 12, wherein the treatment material is introduced into the cells mechanically.
15. Method in accordance with Claim 14, wherein the treatment material is introduced by shaking, vibrations or stuffing.
16. Method in accordance with Claim 14, wherein the introduction of the treatment material is performed with fluid support.